



MINISTRY OF TRANSPORT AND COMMUNICATIONS
DEPARTMENT OF MARINE ADMINISTRATION
No-363/421, Corner of Merchant & Theinbyu Road,
Botataung Township, Yangon, Myanmar

E-mail: dgdma.mm@gmail.com; dma.myan@gmail.com

Tel: 095 -1- 397640

P.O.Box: 194

Fax: 095 -1- 397641

Date: 1st March 2017

Directive (3/2017)

National Standard for Calculation of Sewage Holding Tank Capacity

Applicable to: Ship owners, Recognized Organizations, Shipping Companies, Flag State Surveyors

1. The Department of Marine Administration circulated this directive in the exercise of the power of Section 294(B), paragraph (b) of Myanmar Merchant Shipping Act.
2. Pursuant to the provision of Section 213(A) of Myanmar Merchant Shipping Act and MARPOL Annex IV (Regulation for the Prevention of Pollution by sewage from Ships), the Department of Marine Administration shall employ the calculation for sewage holding tank capacity as national standard for Myanmar ships engaged on international voyages.
3. The purpose of this directive is the national standard calculation for sewage holding tank capacity of Myanmar ships is to be complied with the requirements provided in MARPOL Annex IV.

Maung Maung Oo

Director General

Department of Marine Administration

National Standard Calculation for Sewage Holding Tank Capacity

Detail Calculation

For Crew

The rate of Waste Water per person per day , $A_1 = 96.1$ Ltr/person/day

Where,

$N_{p1} =$ Number of Crew

$D_a =$ Day of operation

$T_p =$ Trip/discharge interval per day

Subtotal waste water :

$$Cr_1 = N_{p1} \times A_1 \times D_a / T_p \text{ Ltr}$$

For Passenger

The rate of Waste Water per person per day $A_2 = 96.1$ Ltr/person/day

Where,

$N_{p2} =$ Number of Passenger

$D_a =$ Day of operation

$T_p =$ Trip/discharge interval per day

Subtotal waste water :

$$Cr_2 = N_{p2} \times A_2 \times D_a / T_p \text{ Itr}$$